vi. pipe-gripping members mounted in said torsion-transmitting member for radial movement into and out of pipe-engaging position in response to said angular movement of said bushing relative to said body.

2. A well drilling snubber according to claim 1, wherein said fluid pressure-operated means comprises:

- a. a plurality of hydraulic jack means vertically disposed on said base;
- b. a crosshead plate reciprocable by said jack means 10 and rotatably supporting said upper snubbing member; and
- c. reversible hydraulic motor means mounted on said crosshead plate and having rotary drive connections to said upper snubbing member.
- 3. A well drilling snubber according to claim 2 including:
 - a. a second crosshead plate non-movably secured to said jack means; and
 - b. means fixedly supporting said lower snubbing 20

member on said second crosshead plate.

- 4. A well drilling snubber according to claim 1 wherein said torsion-transmitting member comprises:
 - a. an annular cam plate having a plurality of radial slots therein to slidably receive said pipe-gripping members;
 - b. sets of angularly spaced, oppositely facing cam elements on the opposing surfaces of said body and said cam plate cooperating with the inner ends of said pipe-gripping members to effect said radial movements thereof.
- 5. A well drilling snubber according to claim 1, including: a cam sleeve connected to said means for reciprocating said wedges and forming a rotatable connection between said bushing and said body operable in response to movement of said wedges to pipe-releasing position to move said pipe-gripping member out of pipe-engaging position.

25

30

35

40

45

50

55

60